PEO EIS
PEO Enterprise Information Systems

Project Manager,
Transportation Information Systems

TC-AIMS II Fielding Command

Gaining Command Briefing

Fort Riley

1 June 2006

Presented by

Mr. Tom Fleming

Purpose

- Conduct FC/GC brief to overview how TC-AIMS II will assist the command in meeting the requirements of their deployment business process and coordinate the essential material, personnel, and facilities support required to accomplish this fielding
- Initiate Memorandum of Agreement (MoA) process, develop draft document and coordinate key milestones for completion
- Schedule of activities leading to training and identifying outstanding issues and concerns

Agenda

- Transportation Information Systems (TIS)
- TC-AIMS II requirements and acquisition strategy
- TC-AIMS II Capabilities
- TC-AIMS II Basis of Issue

PM Transportation Information Systems

PM TIS Focus

Mission:

Develop, field and support enterprise information systems for the joint defense deployment and transportation community

Near-Term Objective:

Evolve TC-AIMS II into a single integrated IT system running multiple deployment and transportation applications to achieve ITV and TAV for Joint Commanders

PM, Transportation Information Systems Programs

Joint Migration Systems

TC-AIMS II
(ACAT IAM)
Transportation Coordinators' - Automated Information for Movements System

AALPS
(ACAT IV)
Automated Airload Planning System

Army Legacy Systems

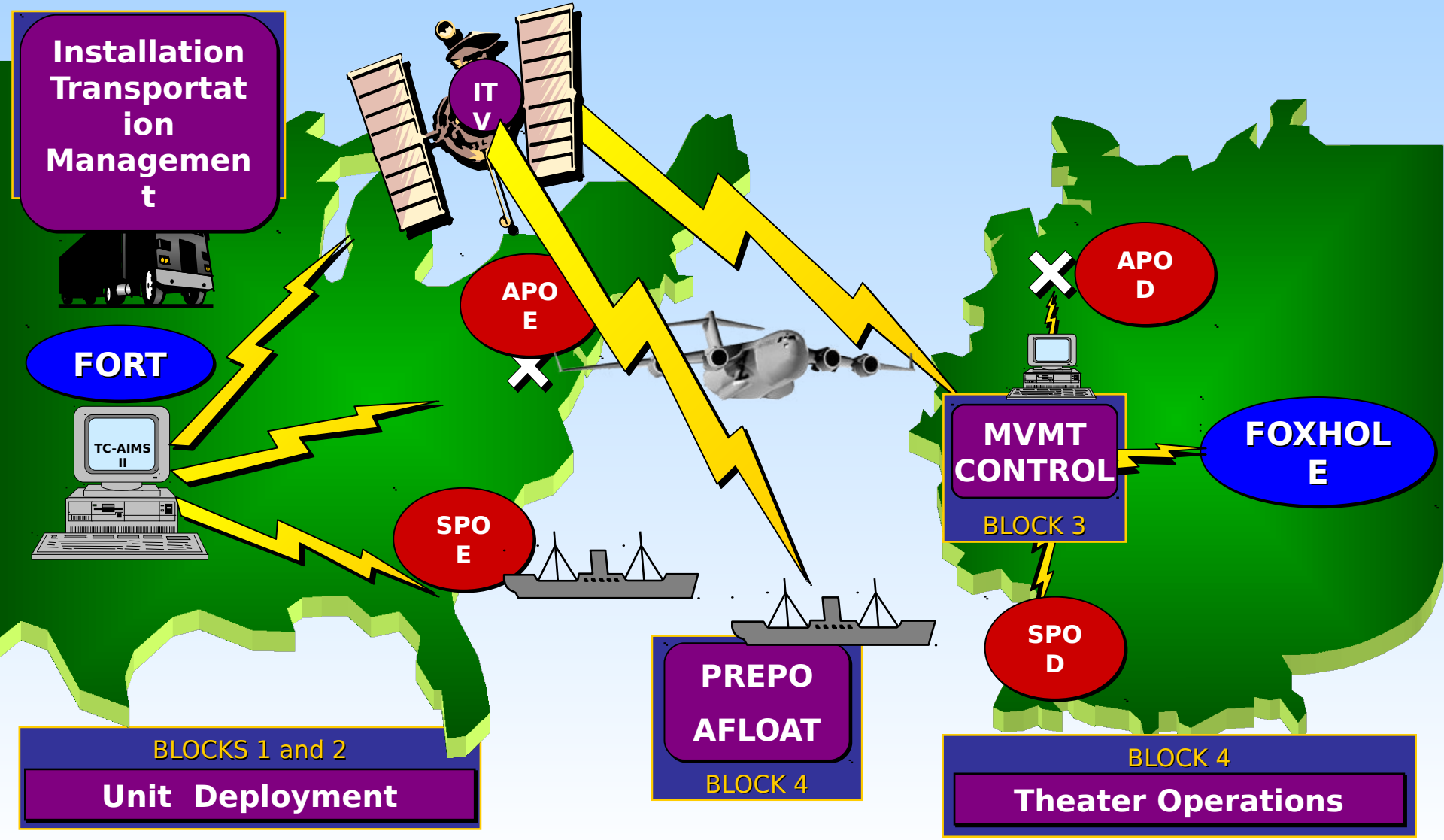
TC ACCIS
Transportation Coordinators Automated Command and Control Information System

TIS-TO
Transportation Information System-
Theater Operations
(Web-based version of DAMMS-R)

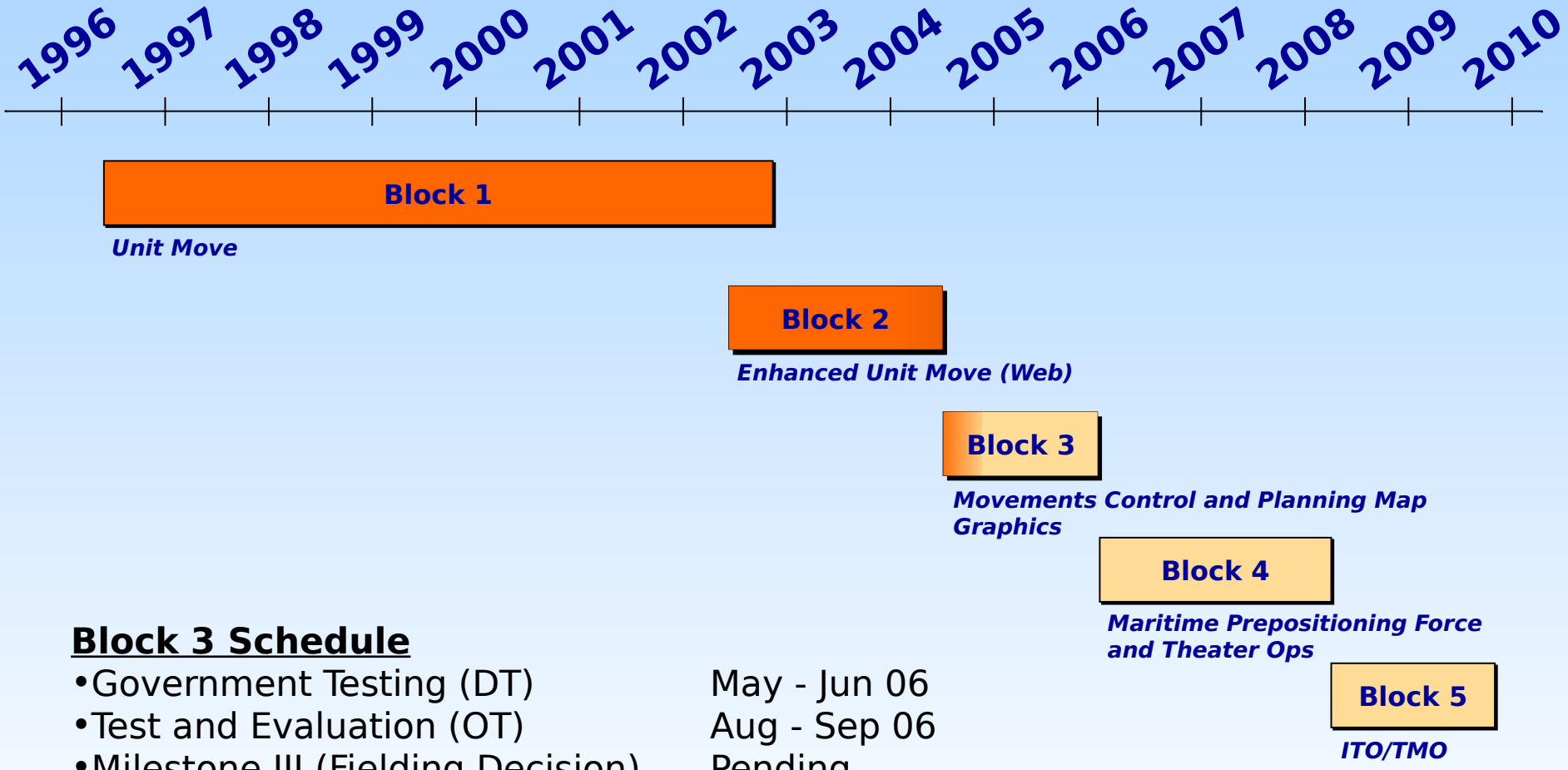
DAMMS-R
Department of the Army Movement Management System-Redesign

Requirements and Acquisition Strategy

Operational View



TC-AIMS II Acquisition Structure
(Funded Across POM)



Block 3 Schedule

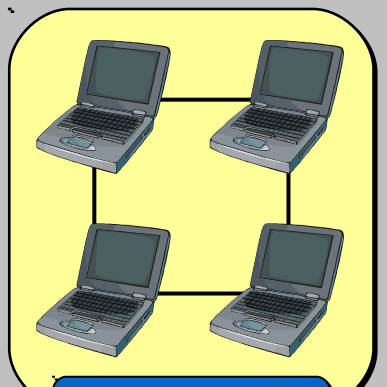
•Government Testing (DT)	May - Jun 06
•Test and Evaluation (OT)	Aug - Sep 06
•Milestone III (Fielding Decision)	Pending

Versatile System

BLOCK 1

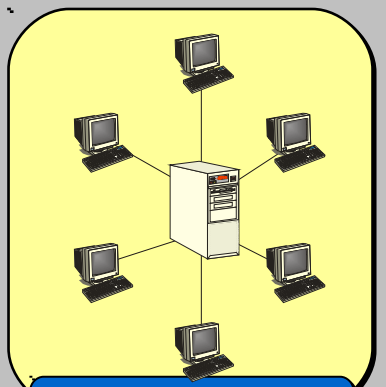
Standalone

- Supports user with limited or no network connectivity
- All TC-AIMS II components are installed on user's machine including the database and application
- Data can be exported to a flat file and shared with other TC-AIMS II databases
- Iridium satellite connectivity to global networks



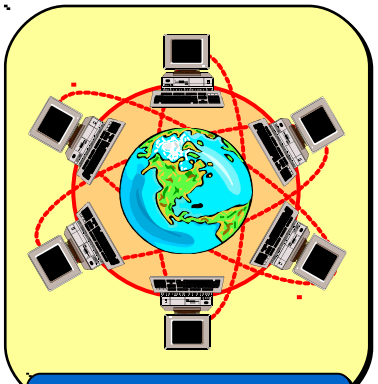
Workgroup

- TC-AIMS II machines connected as a workgroup supports client/server or standalone operations
- Any machine with the database can be the server
- Any machine with the application can be a client
- Supports occasional connection to the tactical network for external system communications



Client/Server

- Supports users with network connectivity
- Each machine on the network is considered a client or a server
- Server machines typically contain only the TC-AIMS II database
- Client machines typically contain only the application and other system components



Web Enabled

- Enterprise System
- Co-hosted applications: TC-AIMS II, AALPS, ICODES, TIS-TO and DS2T
- Server consolidation
- Joint Transportation Reference Information Portal (JTRIP) for data services
- Enhanced context sensitive help

BLOCK 2

TC-AIMS II Unit Movement Capabilities

TC-AIMS II Functional Composition

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SUPPORT UNIT PLANNING

- Maintain equipment list
- Maintain personnel list
- Build unit deployment list
- Create movement plans
- Create convoy plan

PREPARE FOR MOVEMENT

- Label shipment unit
- Document hazardous cargo
- Containerize/palletize cargo
- Schedule movement

EXECUTE MOVEMENT

- Print movement documents
- Transmit ITV data
- Incheck arriving cargo
- Incheck arriving PAX
- Discrepancy reporting

INTERFACES

Unit Personnel | Load Planning | Transportation | Material Management | Planning | Visibility | Unit Assets

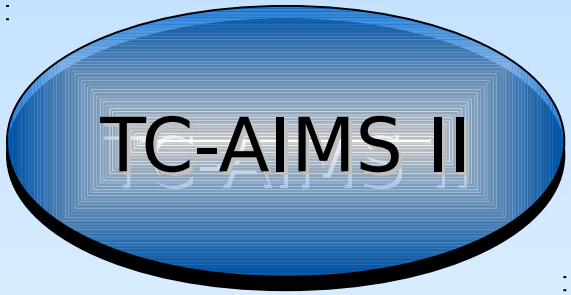
AIT

Linear Bar Code | Optical Memory Car | RFID | 2 Dimensional Bar Code | CAC Cards

JDL

MILSTAMP | Hazardous Cargo | Equipment Characteristics | Location

TC-AIMS II Interfaces



MANAGEMENT
- GTN (J)
- ITV Server (A)

LOAD PLANNING
- AALPS (J)
- CAEMS (MC)
- CALM (J)
- ICODES (J)

MATERIAL MANAGEMENT
- ATLASS (MC)
- ROLMS (MC)

UNIT ASSETS
- LOGMOD (AF)
- MDSS II (MC)
- NCFMIS (N)

TRANSPORTATION
- GATES (J)
- CMOS (J)
- IBS (J)
- GFM-HOST (J)
- PowerTrack (J)
- TC ACCIS (A)
- WPS (J)

UNIT PERSONNEL
- eMILPO (A)
- ITAPDB (A)
- MANPER-B (AF)
- SIDPERS III (A)
- UD/MIPS (MC)

PLANNING
- COMPASS (A)
- JFRG II (J)
- MAGTF II (MC)
- SAAM (J)

TC-AIMS II Information Assurance

Information Assurance

- System accredited as sensitive but unclassified
- Has certificate of network worthiness
- Generic SOP for local adaptation
- Requires local administration of user TIS accounts
- ACERT process
  - TIS will test and post results on web site https://www.tis.army.mil/help.htm
  - Local SA will apply to local boxes
  - TIS will apply to enterprise

TCAIMS II USER ACCOUNT MANAGER (UAM)

- UAM manages all User Accounts for installation
- Suggested not lower than Brigade level
- Will have system administrative rights
- Designated by Commander (0-6 or higher)
- Responsibilities:
  - Creates User accounts
  - Creates User Job Profile
  - Tracks all user's status, constantly keeping system current
  - Modifies, deletes, and adds all accounts
- Designation completed in MOA

Key Players in Local User Account Management

User Account Manager

To positively identify users; create TIS accounts; create user application profiles; and manage user accounts for a defined set of units (UICs)

- Meet IT Category II requirements verified by IASO
- Roles/responsibilities verified by unit commander
- Positive Identification performed by TIS fielding team during NMIB/Site Survey
- Attend local administrator workshop during NMIB/Site Survey

Unit Commander

(or designee) of specific military unit that can authorize access to TIS application and verify roles/responsibilities for access and use of unit data within TIS applications

User Qualifications

- Meet IT Category III requirements verified by IASO
- Roles/responsibilities verified by unit commander
- Positive identification performed by local administrator

Position Category	Civilian	Military	Contractor	Non-U.S. Citizen*
IT-II (SA/DBA)	NACI	NACLC	NACLC	NACLC
IT-III (Users)	NACI	NAC	NAC	NAC

TC-AIMS II Basis of Issue Plan and System Support

TC-AIMS II Typical Unit Move Hardware Distribution

Interrogator Set
J99233 AN/TYQ-95

Work Station
C27435 AN/TYQ-129(V)2

Server
C27367 AN/TYQ-129(V) 1

Label Printers
(Desktop and Portable)

RF Interrogator

Laser Printer w/ each Workstation

8146 Portable Data Terminal

TC-AIMS II Workstation
(with Laser Printer)

TC-AIMS II Server
(Transportation and Logistics Units only)

Separate Company

Company HQ

w/Printer

Battalion Level

S-3

w/Printer

S-4

w/Printer

Brigade Level and Higher

S-3

w/Printer

S-4

w/Printer

HHC

w/Printer

Fort Riley Regional Fielding Distribution Summary

TOE Units Summary

Component	Server C27367	Workstation C27435	Interrogator Set J99233
Active Army	4	52	10
National Guard	9	33	10
Reserves	0	0	0
Total	13	85	20

TDA Summary

COMPO	Fixed Server	Tower Server	Laptop Server	Laptop	Printer	Bar Code Printer	Hand Held Interrogator	RFI	Solar RFI
Active Army	0	1	0	33	13	12	12	2	0
National Guard	0	0	9	15	15	0	0	0	0
Reserves	0	0	0	6	6	0	0	0	0
Total	0	0	9	54	34	12	12	2	0

Training

Block 2 Training Courses

- TCAIMSII Unit Move I User Course
  - 9 training days per class
  - 20 students per class
  - Unit Movement Officers
- TCAIMSII Unit Move II User Course
  - 9 training days per class
  - 20 students per class
  - Battalion, Brigade, and ITO unit movement coordinators
- TCAIMSII System/Database Administrator
  - 5 training days per class
  - Max. 10 students per class

Scenario Based Training Exercise

- Provides a collective training exercise for users to work in their respective roles with the installation or area business process with JPMO provided SME's as exercise leaders and mentors
- Intended to train key users on how to conduct their own collective training
- Provides the installation to validate its intended deployment process
- Includes a scenario, procedures, checklists and descriptive information to exercise the pre-deployment, deployment, and re-deployment of a Brigade size element

Scenario Based Training Exercise Participants

SBT Participant	# Players	Role Players	Unit
ITO	3	OPS, FREIGHT, ADACG	
CORPS HQS	1	SUPPORTING HQS	
COSCOM HQS	1	SUPPORTING HQS	
COSCOM BN	1	SUPPORTING HQS	
COSCOM UNIT	1	DEPLOYING UNIT	
COSCOM MCT (PORT)	1	DEPLOYING UNIT	
CORPS SEP HQS	1	SUPPORTING HQS	
CORPS SEP BN	1	DEPLOYING UNIT	
CO OF CORPS SEP BN	1	DEPLOYING UNIT	
DIV HQS	1	SUPPORTING HQS	
DIV BDE	1	DEPLOYING UNIT	
DIV BN	1	DEPLOYING UNIT	
DIV CO	2	DEPLOYING UNIT	
USAR RRC	1	SUPPORTING HQS	
USAR UNIT	1	DEPLOYING UNIT	
NCARNG STARC	1	SUPPORTING HQS	
NCARNG UNIT	1	DEPLOYING UNIT	

Specific units to be coordinated during NMIB/Site Survey

On-line Training Administration

Army Training Requirements and Resources System (ATRRS)

School code: 026

School name: Transportation Information School

Why ATRRS?

- Early determination for changes to training schedules based on student load
- Provide a record that commanders can review to determine who has been
  TC-AIMS II trained
- Verify student training attendance for calculating promotion points
- Increase attendance from the 30% to 50% levels that occurred with registration at the local level

➢ Provides course information, including training requirements

- Manages class schedule
- Allocates class quotas
- Makes seat reservations
- Records student attendance

Specific class quotas to be determined during workshops

ATRRS Registration Standards

- **<u>60 Days</u>** prior to class start - **classes 30% filled**
  - If not, notice from TIS training coordinator to POC's
- **<u>45 Days</u>** prior to class start – **classes 50% filled**
  - If not, notice from TIS training coordinator identifying potential consolidations or cancellations
- **<u>30 Days</u>** prior to class start – **1st months classes 70% filled with 100% registered students having Enterprise accounts requested.**
  - If not, notice from TIS training coordinator identifying consolidations and cancellations
- **<u>30 Days</u>** prior to subsequent class start – **classes 70% filled with 100% registered students having Enterprise accounts requested.**

Preliminary Training Allocations

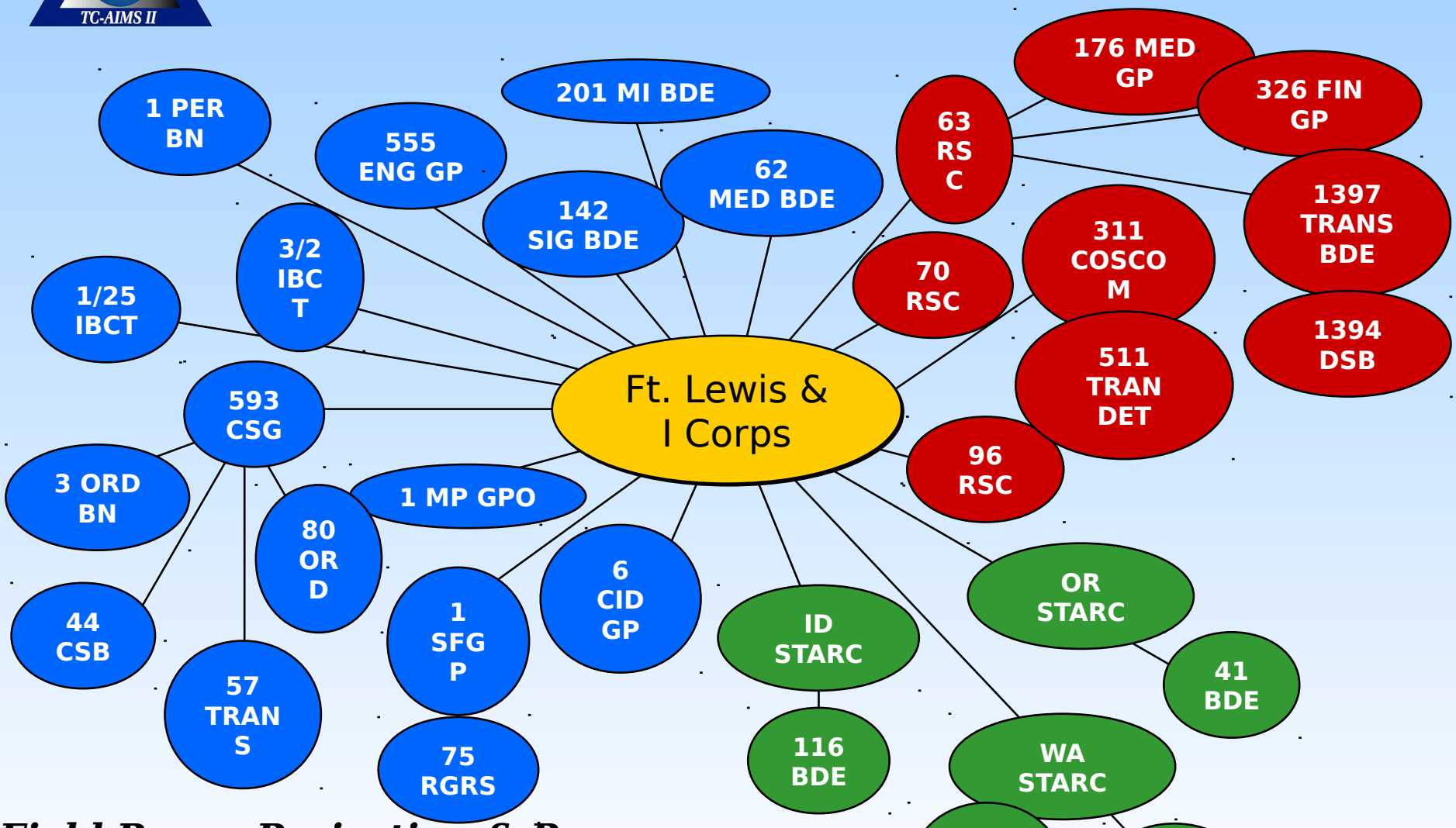
Components	TCAIMSII Net System/Database Administrator	TCAIMSII Unit Move I	TCAIMSII Unit Move II
Active Army	5	55	52
National Guard	9	15	33
Reserves	2	2	4
Total Students	***15***	***72***	***89***
Total Classes	***2***	***4***	***5***

UNIT ACCOUNT MANAGER (UAM) RESPONSIBILITIES

- UAMs should be designated by each brigade (or higher) before the New Material Introductory Brief (NMIB)
- UAMs must be appointed in writing by an 0-6 Commander (This memo needs to be submitted to the TIS helpdesk)
- UAMs are invited to attend the Information Assurance (IA) Workshop that occurs during the NMIB / Site Survey
- UAMs must submit a User Account Request form and make sure a VAR is submitted for each student prior to training (Students without accounts will not be able to attend training)
- UAMs are of the up-most importance to the success of training

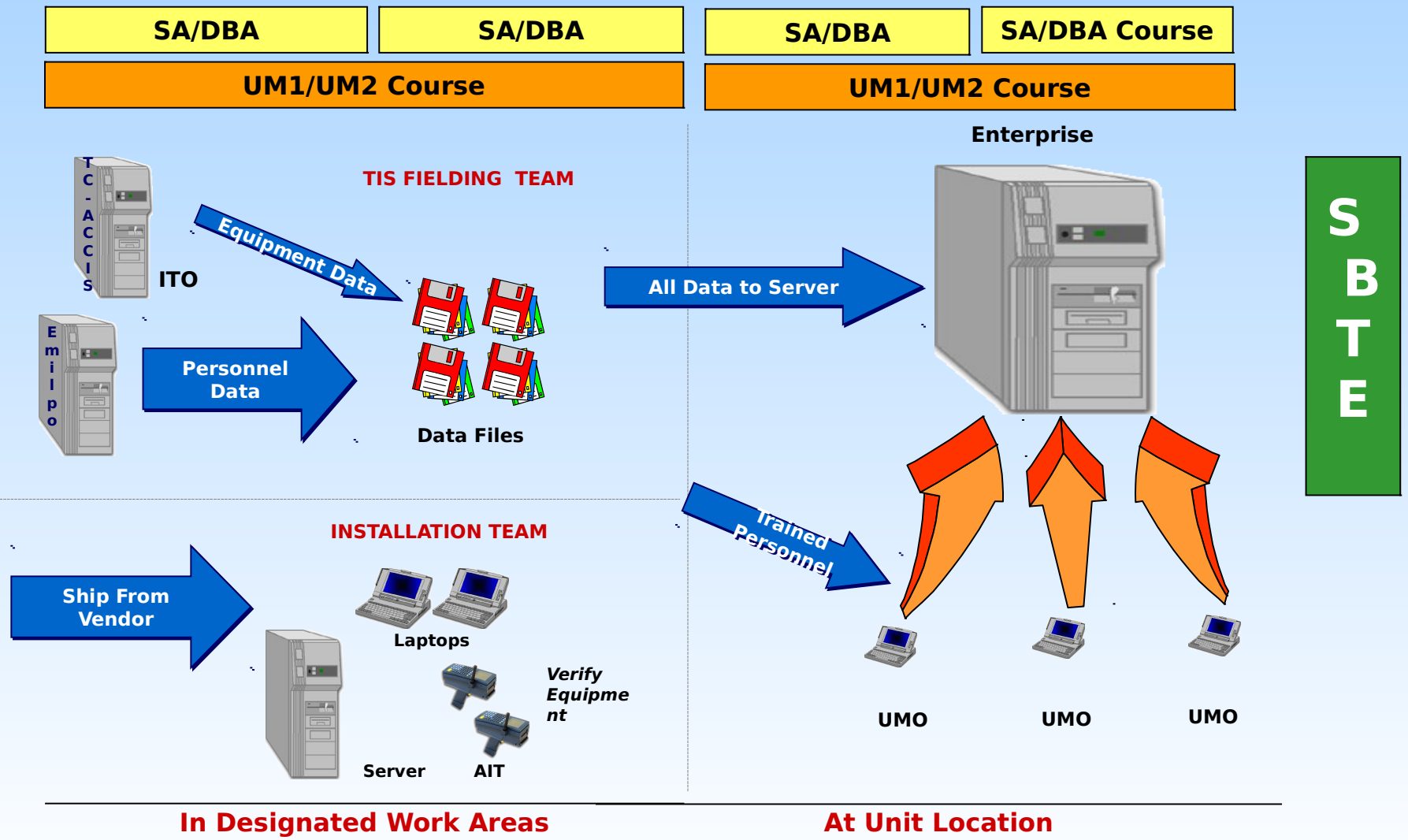
TC-AIMS II Fielding Process

USA TC-AIMS II Fielding Concept

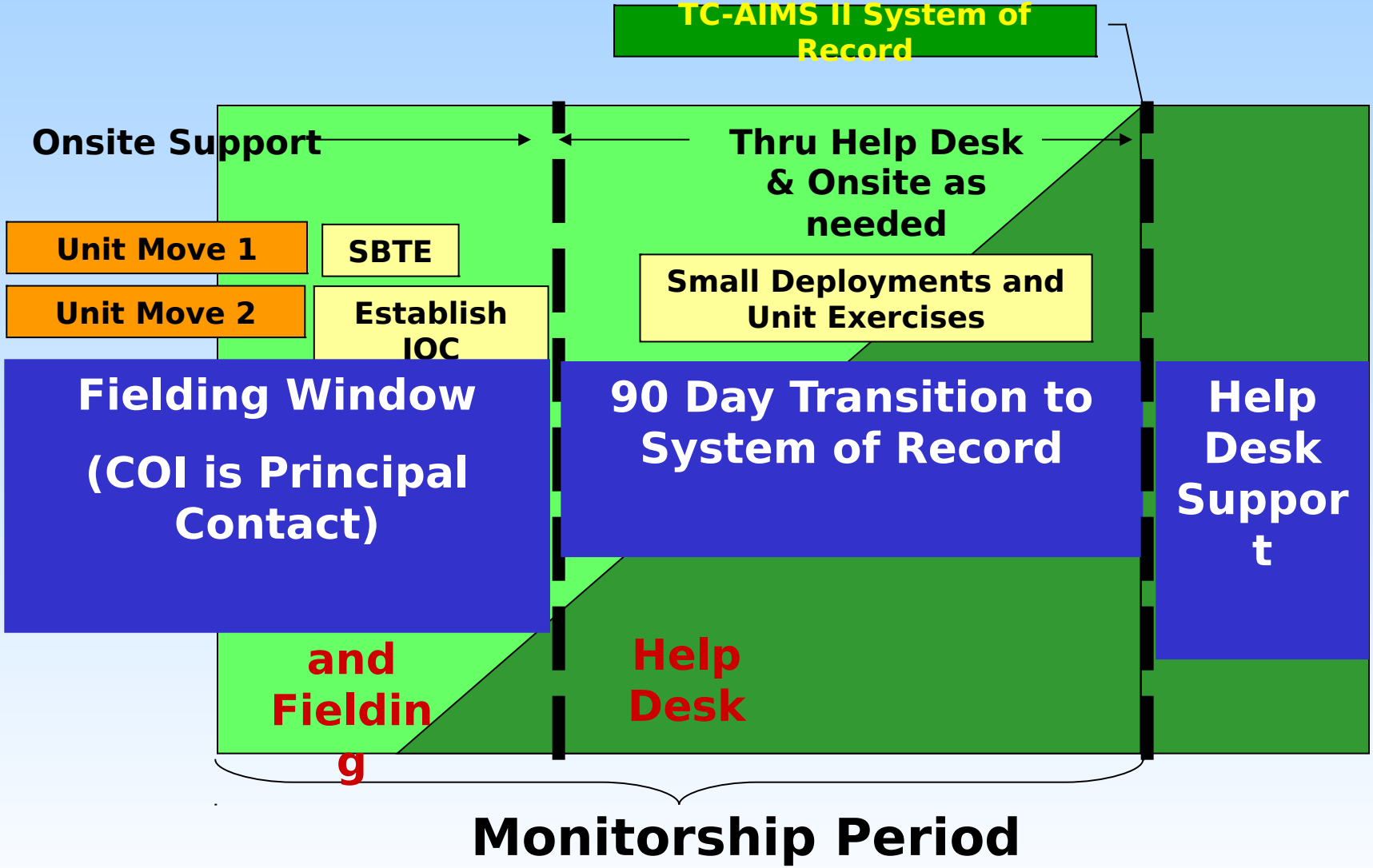


Field Power Projection & Power Support Platforms in AOP Sequence & Support USA Transformation

Typical Fielding Process



Transition to System of Record



Fielding Planning Process

Calendar of Events

Action	Start Date	End Date
FCGC/Pre-site Survey	1 June 06	1 June 06
FORSCOM/DPMO BP Workshop		
Staff draft MOA before NMIB		
Installation NMIB/Survey	October	
Finalize MOA		
Initial Equipment Set up and Testing	March 07	
Hardware Required Delivery date	March 07	
Establish Job Profiles (user account) - UAMs		
Student Name/ ATRRS registration/security screening		
Identify SBT Participating Units		
UM1 and UM2 Training	March 07	May 07
SA/DBA Training		
Data Completeness		
SBTE (Scenario Based Training Exercise)		
Fielding Complete		

TC-AIMS Fielding Preparation Process

ACTIVITY	TIMEFRAME
Pre-Site Survey • FCGC briefing • Pre-site survey working group • Draft MOA template provided	**Pre-Site Survey** • 240 days before fielding • 1 JPMO and 1 Service rep • 1-2 days duration
Site Survey • NMIB/Executive briefings • Coordinate and schedule fielding activities • Validate HW and training requirements • Complete MOA	**Site Survey** • 150 days before fielding • 1-2 JPMO rep(s) • 1 function rep • 1 training rep • 1 installation coordinator • 3-5 days duration • Data conversion coordinator
JPMO order HW and training	**75-90 days before fielding**

Actions Between FCGC and NMIB/Site Survey

- Finalize distribution plan with PM TIS
- Conduct Business Process Workshop with DPMO and FORSCOM
- Review and provide recommended changes to draft MOA
- Identify Unit Account Managers
- Determine unit allocations for training
- Identify fielding and training facilities

NMIB/Site Survey FOCUS

- Coordinate and schedule all events during fielding period
- Complete the following events
  - Conduct executive briefing for commanders
  - Conduct working group brief
  - Conduct working groups
    - Installation business process/ITO
    - Validate HW and training requirements
    - Schedule units for training
    - Coordinate detailed fielding schedule
    - DOIM/CIO/information assurance
  - Visit proposed facilities
- Finalize Memorandum of Agreement (MOA) for
  - Hardware distribution
  - Fielding and training schedule

NMIB/Site Survey Participants

NMIB/Executive Brief

- Commanders
- Operations Officers
- Logistics Officer
- STARC Representatives
- RSC Representatives
- **Installation Transportation Officer**
- Director of Logistics
- Force Integration Officers
- **Director of Information Management**
- Mobility Warrant Officers
- USASOC Representative(s)

Site Survey Working Group

- Force Integration Officers
- Major Unit training coordinators (AC, RC, NGB)
- Major Unit Information/Automation Officer
- Director of Information Management
- TC-ACCIS manager
- CSS/AMO
- Mobility Warrants
- Operations/Plans Officers
- Personnel/SIDPERS Representative
- USASOC Representative(s)

Information Needed at NMIB/Site Survey

- Installation deployment process information
  - Results of business process workshop
  - Physical move process from unit area until departure from installation
  - Functions performed at key points in the process and
    TC-AIMS II equipment required at each location
- Organizational structure by UIC
- Proposed facilities for fielding team
- Installation priorities for fielding and training
- Units that may be deployed or unavailable during fielding window
- Recommended changes to the distribution plan
- List of designated UAMs for all Brigades and higher headquarters

Typical NMIB/Site Survey Schedule

Date	Time	Activity	Personnel to Attend
Day 1	0930-1130	TC-AIMS II Fielding and Business Process Briefings	ITO, Div G3/4/6, Sep Bde S3/4/6, all DST's, DOIM
	1300-1700	Information assurance and local administrator workshop	IASO's designated local SA; DOIM, Div G6 representative
Day 2	0830-1130	Coordination visit to DOL, DOIM, Distance Learning facility	ITO, Local SA, DOIM, Div G6, DTF Manager
	1300-1700	Major unit planning session (Div)	Div G3/4, DTO, Bde level S3/4
Day 3	0830-1130	Major unit planning session (Div)	Div G3/4, DTO, Bde level S3/4
	1300-1700	Major unit planning session (COSCOM)	G3/4, Bde level S3/4, Related Transportation staff
Day 4	0830-1130	USAR and USARNG planning session	TBD by NGB and USARC
	1300-1700	Separate Bde session	COSCOM Staff, Group/BN S3/4
Day 5	0930-1130	MOA scrub	Div G3/4, ITO, USAR. NGB, FORSCOM
	1330-1600	Separate Bde session	Div G3/4, Sep Bde S3/4, all DST's

NMIB/Site Survey Support Requirement

- Conference room/working area to conduct working group sessions
  - White boards with markers
  - Two LAN/internet connections
  - Screen/wall suitable for presentations
  - Projector
  - Two telephones (or access to) with post and commercial connectivity

TIS Key Personnel

https://www.tis.army.mil/

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